

## Use of the sonicator

1. Turn on the power.
2. To change the sonicator parameters, press the PROG button. To change a parameter, type in the new setting and then press the YES/ENTER button.
  - The first time parameter is the amount of time per sample. If you will be sonicating individual samples, this time does not matter, as long as it is longer than the total pulse time.
  - The second time parameter (ON) is the length of each pulse.
  - The third time parameter (OFF) is the amount of time between pulses.
  - The output setting goes from 1 to 10, with 1 being the least power per pulse and 10 being the most. For small (<1 ml) bacterial samples, an output of 3 to 4 is usually enough.
  - The temperature is not controlled; press NO for this one.
3. Put the sonicator tip in your sample tube and press the START/STOP button.
4. After the desired number of pulses, press the START/STOP button again.

**\*\*Clean the sonicator tip with a kimwipe and ethanol before and after use\*\***

The power button is at the back of the machine on the right side.

Samples should be kept on ice and, if they are pigments, in dim light whenever possible.